

BARC NEWS

84/08 01

BALLARAT AMATEUR RADIO GROUP



AUGUST '84

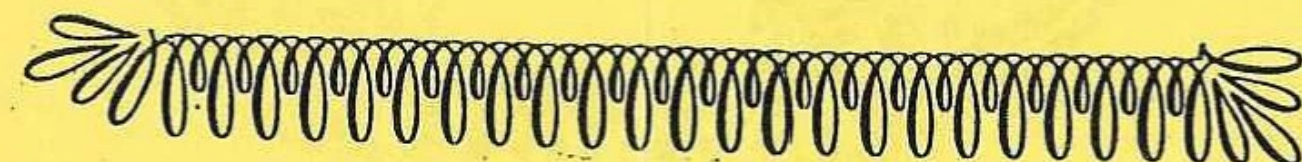
Monthly Newsletter of the Ballarat Amateur Radio Group

REGISTERED BY AUSTRALIA POST, PUBLICATION NO. VBH3397

COMMITTEE



			Home.	Bus.
President.	Geoff Smith.	VK3 ADB	32 1037	32 1719
Vice-President.	Murray Felstead.	VK3 AAI	42 0447	31 5000
Secretary.	Jim Wright.	VK3 CFB	32 7563	
Asst-Secretary.	Dick Forrester.	VK3 VU	35 7663	39 1001
Treasurer.	Dick Antosiewicz.	VK3 AEX	32 3273	32 1818
Technical Officers.	Phil Seddon.	VK3 AQM	31 5220	31 3166
	Ian Robinson.	VK3 BTX	32 4139	
	Maurie Batt.	VK3 XEX	42 2245	
Q.S.L. Manager.	Cliff Bilston.	VK3 PAF	34 7626	
Awards Manager.	Maurie Batt.	VK3 XEX	42 2245	
Publicity Officer.	George Fowler.	VK3 DOK	32 6863	39 1954
Education Officer.	Bob Terrill.	VK3 BNC	39 5317	39 1001
Property Officer.	Dick Antosiewicz.	VK3 AEX	32 3273	32 1818
News Letter Editor.	Henry Moritz.	VK3 DXC	35 5130	30 1800
Assistant Editor.	Bill Greiner.	VK3 CWG	31 4070	
Net Co-ordinator.	George Fowler.	VK3 DOK	32 6863	39 1954
WICEN Committee.	Dick Antosiewicz.	VK3 AEX	32 3273	32 1818
	Geoff Smith.	VK3 ADB	32 1037	32 1719
	Dick Forrester.	VK3 VU	35 7663	39 1001
Committee.	Harry Hekkema.	VK3 KGL	35 7563	
	Fred Quick.	VK3 NIH	32 3216	32 6455
	Yvonne Wroe			



B.A.R.G. meets the last friday of every month at the BALLARAT EDUCATION CENTRE, Hopetoun Street. All correspondence to PO Box 216E (Ballarat East) 3350, Victoria. Awards Manager: VK3-XEX, R.S.D. Rokewood Junction, Vic.

MINUTES OF THE MEETING

Minutes of General Meeting held 27th July 1984.

Meeting called to order by President Geoff at 7.50pm.who welcomed all members to his first meeting.

He also informed members that Ron XEY had passed away.

Apologies. DKJ.BNC.VU.KQB.YMY.NIZ.

Minutes of previous meeting as printed in News Letter confirmed.

Correspondence in and out was confirmed and received.

Business arising from correspondence;-Trip to S.E.C.Complex in Norman St arranged for Friday 3rd.August.

Treasurers Report Current a/c 403.24. V.S.&L a/c 707.08.

It was resolved that all petty cash payments in excess of \$20.00 would be made by cheque in future.

Q.S.L.Manager Cliff reported 210 cards out.Zilch in.

Awards Manager Maurie reported 16 applications for Gold Rush award Awards Balance Sheet published in last months News Letter.

Education.Bud NZL moved a vote of thanks to the instructors.

Publicity.George DOK is busy canvassing local businesses for the sale of advertising space in News Letter.

Technical.Work has been carried out on repeater to rectify noise.

News Letter Henry needs contributions,I make this request every month,surely someone has material to contribute;Please help.

Hamvention proceeding to plan,a large number of distributors have signified that they will be attending.

General Business.Decided that Club will purchase Denso Tape and paste for resale to Members,also a sub-committee was formed to investigate the production of Log Books.

Please return the questionnaire on the proposed future of the W.I.A. Western Zone to a Committee Member .

Maurie XEX is keen to get a net going on 6mtrs,Wed nights.52050. at 8.00pm local time.Give him a call if you are interested.

Members will be pleased to hear that Leo VK2 KV is now fit again.

Meeting recessed at 8.50pm after which Doctor John gave a talk on P.C.A.(unfortunately I had to leave but I understand it was both enlightening and amusing)

73s Jim.

84/08 04

Memory Lane.....



(This is a reprint from the very first issue of the BARG newsletter, apparently issued in 1978, sometime)

KNOW YOUR LOCAL REPEATER (part 1, a brief history)

Initiated by Steve Gregory and completed by the "Repeater Group" under the chairmanship of Brent Baily, the project in the form of a modified AR carphone began to take shape. Donated by Stan 3SE, then modified by Brian 3YFL, and then installed by a merry band on the original site of the Ballarat observatory (The original repeater site, that is)

The repeater ran for $\frac{3}{4}$ months on this site; it achieved a working radius of some 15 miles with a power output of abt. 10 watts. The repeater originally used separate antennas for transmit and receive. However, the successful introduction of a cavity (produced by Eric 3ZL) led to the introduction of a six-cavity duplexer. Five more cavities of an ARRL design were constructed. Ivor 3ZLZ was responsible for the metalwork for those. The original repeater and duplexer were installed on the present site late in 1976. About this time, a construction of a new repeater was discussed. Trevor 3YJT and Phil, 3AQM constructed the new machine, which went into operation six months later. At present, the repeater puts some 30 watts into the coax, which eventually leads to a Ringo antenna.....

THOSE WERE THE DAYS!

W A N T E D W A N T E D

One reasonably cheap two-metre transceiver or 2-m Receiver

One, also cheap, two meter beam antenna

WANTED: A.R.A. Issue 3, Vol 3 Issue 7&8 Vol.4 Issue 7
also any Amateur Radio Magazines.

PLEASE CONTACT:

VK3 SWL L30037 PETER KENYON

P.O.Box 658 , BALLARAT 3350

The "HAMVENTION 84" organising committee has been working very hard towards making this club venture successful. However, now is the time for all the other club members to lend a hand. At the end of this article you will find a list of jobs that have to be done on the day of the "HAMVENTION". The dinner will be held on the Saturday night at a cost of \$11.00 per head. (An increase of only \$1.00 since 1982). The guest speaker will be Mr Ian Gordon, the well known Ballarat solicitor who will speak on humour and the courtroom. It promises to be a very good night. The Sundays activities will consist of transmitter hunts, scrambles, childrens events, ladies events and a mystrey bus tour. There will be a BBQ lunch and an afternoon tea supplied at a cost of \$7.00 per head. (Same price as 1982). Childrens prices will be announced when we are able to determine them.

All the basic organisation has been done by the committee so now we are calling for the support of all the other club members to do the following jobs. Hope you can help out.

Saturday jobs

- (a) Setting up of club displays.
- (b) Setting up of tables for dinner.
- (c) Manning the talk-in facilities (80Mx and 2Mx)
- (d) Erection of antenna's for talk-in stations.
- (e) Manning the registration desk.
- (f) Cleaning up after the dinner
- (g) Setting up the early trade displays
- (h) Preparing kitchen for Sundays activities

Sunday jobs

- (a) Manning talk in stations
- (b) Manning registration desk
- (c) Manning club trading table
- (d) Co-ordinating events (in carpark)
- (e) Cooking and serving lunch
- (f) Help the ladies prepare afternoon tea.
- (g) Clean up after meals
- (h) Help pack up trade displays
- (i) Help pack up club displays
- (j) Clean up hall
- (k) Pack up antenna's

As you can see there is an enormous of work to be done over the weekend so we need a lot of help. If you can help out then please let a committee member know as soon as possible. The committee members are as follows:

Dick Forrester	VK3VU
Geoff Smith	VK3ADB
Harry Hekkema	VK3KGL
Dick Antosiewicz	VK3AEX
Maurie Batt	VK3XEX
Hank Hilverts	VK3NIA
Max Wroe	VK3YMW

73's,

Dick VK3VU

Just a word from the Editor

84/06 06

5



Judging by the overwhelming non-response to my pleas regarding contributions to YOUR magazine, you fellers must have some sort of death-wish in respect to this paper.

Never mind, -no contributions, no magazine. It's as simple as that. If there seems to be less in it than usual, NOW you know, why. But the same applies apparently to many of the club functions. Could it be then, that ham radio is riddled with and mostly patronized by "Rugged Individualists" who just don't get along with others, - or is it merely the great Oz apathy syndrome? Just look at the turn-up when there is some function, outing or anything else than the heave-ho booze-ups on. It's pityful, when you consider the number of registered Hams in our neighbourhood. I know that it has all been said before, without any noticeable change in attitude. What makes me wonder is how come that a bunch of guys who'll bust their collective and individual boilers, when one of them is in trouble, suddenly become faceless non-performers when the club needs some help and cooperation? YOU figure that one out.

Even the CWA, the YMCA and the local branch of the Vic. Marquetry association can boast better results, - just ask.

Remember that old proverb: POPULATE OR PERISH...? well, - unless there is some more action and everybody extracts their respective digits, there is little point in me raving on and we can only give our club a decent, quiet burial in the near future. Then everybody can go back to CB or wherever the new action is these days, - or just watch the boob-tube, like NORM?

Get up and crackin' fellers, nobody can(and should) do this kind of job on their own.

73s

Henry

DXC



SEC Visit

84/06 07

7

What a turnup....in the dark of night carloads of shady characters appear at the local SEC depot for that promised guided tour. As it turns out, the big cheese there is the famous 3AMH, Bill (you know, the one with the antenna we all only dream about) and the groups is split into two. Some whiz-kid goes on about the computer they've installed to keep tabs on us all and deep stuff like that. Everybody nods and acts as if they understood...but really, nobody has a clue. But its good fun hearing him rave. Then the umpteen KV test area, where they scare the hell out of you with high voltages making the whole room buzz and your hair is starting to stand up slightly. Next we get to know some guy who is in charge of the meters. VERY confident, that he's always right....and he gives us the dope on the testing procedures for old and new meters. Its starting to get interesting when we see how they clean old meters with squashed almond shells, - sounds like tons of fun.

Next comes the test lab where they calibrate meters with all sorts of high-tech gizmos and I can see some fellers get itchy fingers, when they see all that nifty test gear spread about the place, - but they warned us that they KNOW what they have and where its going...ah well, it was just a thought.

Then comes the workshop and maintenance area, - wow! What a layout...the things they do with your taxes, - it takes your breath away. 3CWG gets really fidgety when he sees all that king-size machinery, but remarks that HE has some just as big.

(sour grapes, I think) and you can just suppress the insane desire to literally put a spanner into the works, just for a giggle. Somebody remarks, what a doozie of a club room-cum-workshop all this would make for the ham club, - but this, too, must be suppressed. After all, we are in the presence of great things, - awesome power, transmission line experts roll their pearls of wisdom off their lips, - everybody is suitably impressed by the sheer monumentality of it all and looking forward to that promised cuppa and some bikkies at the end of it.

Then, quite suddenly, and when you were just getting adjusted to the whole thing, they tell you the show is over and they bid us a good night and we are politely shown the door, - GEES, WE NEVER EVEN GOT THOSE BIKKIES...shucks

84/06 08



AUSTRALIAN RICE EXPORTED TO GERMANY.....as told by XEX

From "Take post" A member claims, that he received this letter from a German client, following the first shipment of rice ever sent to Germany by his firm:

Dear Gentlemans,

der last two shipments uf rice ve get from you vas mit mice schidt mixt. Der rice vas gut enuf, but der mice durds schpoils der trade. Ve did not see der mice schidt in der sample vich you sent us.

It takes too much time to pick der mice durds from der rice. Ve order cleen rice and you schipt schidt mit der rice. Ve rather you schipt us der rice in von sack and der mice schidt in anoder sack, and den ve mix to soot der customer.

Please write, if ve should ship back der schidt and keep der rice, or ship back der rice and keep der schidt of mebe ship back der hole schitten vorks. Ve vant to ride in dis matter, but we do not like dis mice schidt business.

Mit much respeks,

Hans Grubber, Hamburg

DO NOT FORGET THE FAMOUS JUNK SALE, AUGUST 31st.....its your one and only opportunity to stock up (again) on all that pre-loved trivia, not-working abandoned projects, gone-bung or old and twisted equipment or whatever other goodies you hope to find (but somehow, never do) all in one fell swoop. Bring all the stuff you bought on earlier occasions and let someone else have some fun with it, for a change, - and give the missus a chance to get into the door without stumbling over it.....

A SIMPLE COMPUTER TO TX MORSE INTERFACE

The term computer interface conjures up visions of complicated electronics. This article is to point out how simple it can sometimes be.

The following connection is used by Jim Wright, VK3 CFB, to connect the output of a Commodore 64 computer to a transmitter. The same arrangement should be possible on any computer with a parallel I/O and can be used to switch any small load.

The connection is made using a 4N28 OPTO COUPLER. This consists of a LED and an NPN photo transistor encapsulated in a six pin package providing voltage a separation of 500 V. Most computer outputs are designed so they can sink more current than can be sourced so the diode is connected between the 5V line and the computer output and is described as active low. To work out if the transistor can be connected directly in place of the key, measure the voltage across the morse key and the current to be switched. A 4N28 will switch up to 30 V and dissipate 150 mW. Make sure the polarity is correct.

As can be seen this is a simple but effective interface. If the output from the computer will only drive one TTL load then a transistor can be added as a buffer. This may also be necessary if the MARK / SPACE is reversed although programming can solve this.

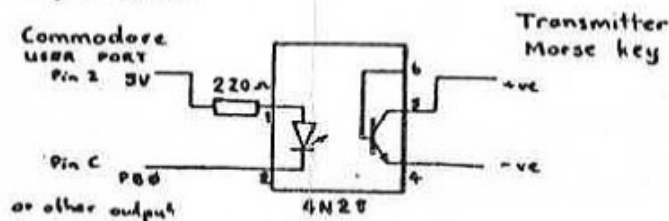


FIG. 1

by Peter Dalman VK3 DTY

WHAT'S NEW?

Wed ...	18th July. 7:30pm	Committee. Ed Centre
Frid ..	27th July. 7:30pm	Club Meeting & Natter Nite.
**Frid ..	3rd Aug. 7:30pm	Tour New S.E.C. Complex Norman St. (Bill AMH)
Wed ...	22nd Aug. 7:30pm	Committee. Ed Centre
Frid ..	31st Aug. 7:30pm	Club Meeting. "The good old Days of Radio" (George IS)
Wed ...	19th Sept. 7:30pm	Committee. Ed Centre
Frid ..	28th Sept. 7:30pm	Club Meeting. "Police & Disaster communications" (Gordon Jarvis)
Wed ...	18th Oct. 7:30pm	Committee. Ed Centre
Frid ..	26th Oct. 7:30pm	"SPECIAL" Pre 'Hamvention' meeting.
**Sat/Sun.	10th & 11th Oct.	'HAMVENTION'

As part of celebrations for the state of Victoria's 150th Anniversary, a special callsign VI3WI will be heard on air from November.

Victor India Three Whiskey India will be used on a roster basis by W.I.A. zones and member clubs.

W.I.A. President Jim Linton said: "The aim is to spread the special amateur radio involvement in the Victoria 150 celebrations throughout the state. It's hoped the involvement will also gain our hobby some worthwhile news media publicity."

Work is being finalised on the Victoria 150 Award certificate - details of the Award rules were announced earlier.

...

...

Third party traffic agreements are being finalised by the Department of Communications with Venezuela, Honduras and Liberia.

This will bring to five the number of countries with which Australian radio amateurs can directly exchange third party messages.

America and Canada were the first to reach third party agreements with Australia.

Following requests from the W.I.A., further negotiations are continuing with other countries to obtain further third party traffic agreements.

...

...

The W.I.A. Intruder Watch Service is conducting a special effort during August to get log reports on a frequent intruder on the exclusive 14 MHz amateur band.

Russian military station UMS is operating mainly RTTY and some CW on 14.141 MHz.

Reports should be sent to Intruder Watch Co-ordinator, Steve Phillips, VK3JY QTHR.

...

...

WE HAVE WHAT YOU NEED AT...

WECAM

**Communications
Sales & Service
(053)39 2808**



YAESU

ICOM and others

11 Malmsbury Str. Wendouree 3355--

CALL US OR SEE BRIAN STARES, VK3 ZBS/NVI

COAX, Rotator and L.T. Cable, Plugs and connectors, Transistors and IC's, Aerials and assorted parts always in stock. Call for prices and information.

EVERYTHING FROM A TO Z IN ELECTRONICS

Great Moments in Hamdom

If any of you have any items of special interest, photos of club events (or even the odd private event) PLEASE TELL ME.

We can run off copies of your photos with no damage to the originals, for the magazine. If no photos are available, we'll fake it and/or make up a drawing of the momentous event.

Spread it around a bit, - everybody knows SOMETHING of some interesting bit of gossip or what-have-you. GIMME A GO!!

Wouldn't do any harm to canvas around for more advertising matter, to better cover the production costs, I reckon.

84/06 12

DON'T FORGET:

BALLARAT 1984

HAMVENTION



Come and join the fun on
NOV. 10 & 11